

Title (en)

Non-endogenous, constitutively activated human G protein-coupled receptors

Title (de)

Nicht-endogene, konstitutiv aktivierte, menschliche, mit G-Proteinen gekoppelte Rezeptoren

Title (fr)

Récepteurs non-endogènes de la protéine G humaine ayant une activité constitutive

Publication

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Application

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- US 10921398 P 19981120
- US 11006098 P 19981127
- US 12041699 P 19990216
- US 12185299 P 19990226
- US 12394499 P 19990312
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- US 15728299 P 19991001
- US 41704499 A 19991012
- US 41676099 P 19991012

Abstract (en)

[origin: EP1676861A2] The invention disclosed in this patent document relates to transmembrane receptors, more particularly to a human G protein-coupled receptor for which the endogenous ligand is unknown ("orphan GPCR receptors"), and most particularly to mutated (non-endogenous) versions of the human GPCRs for evidence of constitutive activity.

IPC 8 full level

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Citation (search report)

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- [X] WO 9832858 A2 19980730 - SCHERING CORP [US]
- [A] SCHEER A ET AL: "CONSTITUTIVELY ACTIVE G PROTEIN-COUPLED RECEPTORS: POTENTIAL MECHANISMS OF RECEPTOR ACTIVATION", JOURNAL OF RECEPTOR AND SIGNAL TRANSDUCTION RESEARCH, MARCEL DEKKER, NEW YORK, NY, US, vol. 17, no. 1/3, 1997, pages 57 - 73, XP000867531, ISSN: 1079-9893
- [A] KJELSBERG M A ET AL: "Constitutive activation of the alpha1B-adrenergic receptor by all amino acid substitutions at a single site", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BIRMINGHAM., US, vol. 267, no. 3, 25 January 1992 (1992-01-25), pages 1430 - 1433, XP002135768, ISSN: 0021-9258

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